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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF
THE DEPENDENT RESURVEY OF

A PORTION OF THE
SUBDIVISIONAL LINES

AND THE
SUBDIVISION OF SECTION 23,

IN
TOWNSHIP 20 SOUTH, RANGE 25 EAST

OF THE SALT LAKE MERIDIAN, UTAH
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh and M. Ross Workman
Supervisory Cadastral Surveyors

Under special instructions dated *August 18, 1997*, approved *August 18, 1997*, which provided for the surveys included under Group Number 875, and assignment instructions dated *August 18, 1997*

Survey commenced *August 19 1997*

Survey completed *August 22, 1997*

INDEX DIAGRAM

Township 20 South, Range 25 East

6	5	4	3	2	1
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TOWNSHIP 20 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 23 in Township 20 South, Range 25 East, Salt Lake Meridian, Utah.

History of Surveys**Surveyed by****Retr. or Resurveyed by****NORTH BOUNDARY**

All	F.E. Baxter	1894		
All			G.B. Hatch	1963

SOUTH BOUNDARY (Fourth Standard Parallel South)

Portion	F.E. Baxter	1894		
All	H.W. Miller	1910	H.W. Miller	1910
Portion			G.B. Hatch	1963-66

EAST BOUNDARY

Portion	F.E. Baxter	1894		
Portion	H.W. Miller	1910	H.W. Miller	1910
Portion			G.B. Hatch	1963-66

WEST BOUNDARY

All	A.D. Ferron	1884		
All			F.E. Baxter	1894
All			H.W. Miller	1910
Portion			G.B. Hatch	1963-66

SUBDIVISION

Portion	F.E. Baxter	1894		
Portion	H.W. Miller	1910	H.W. Miller	1910
Portion			G.B. Hatch	1963-66

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 875, dated August 18, 1997.

Preliminary to the resurvey, a diligent search was made for any evidence of the original field note record. Coordinates by the use of Global Positioning System (G.P.S.) equipment were determined for each found and proportioned corner in this survey. True bearings and distances were determined by inverting between these points.

TOWNSHIP 20 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The geographic position of the 1/4 section corner of sections 23 and 24, T. 20 S., R. 25 E., which will also function as a B.L.M. Control Station, was determined by G.P.S. methods, from National Geodetic Survey Triangulation Station "WEST", is as follows:

Latitude 39° 03' 08.048" N. Longitude 109° 06' 28.087" W.
N.A.D. 1983.

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1990, is 12 1/2° E.

Dependent Resurvey of a Portion of the Subdivisional Line,
T. 20 S., R. 25 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by F.E. Baxter in 1894,
and the Retracement by H.W. Miller in 1910

From the 1/4 section corner of sections 23 and 24, monumented with an iron post, 1 inch in diam., firmly set in a mound of stone, with a 4 ft. base to top of brass cap marked as described in the official record of the 1910 retracement. No other improvements were made to this corner.

N. 0° 12.7' W., between sections 23 and 24.

20.096 Point for the N 1/16 section corner of sections 23 and 24; not monumented.

40.192 The corner of sections 13, 14, 23, and 24, monumented with an iron post, 2 ins. in diam., firmly set, and exposed 12 ins. above ground, with brass cap marked as described in the official record of the 1910 retracement.

Set a 6 ft. steel fence post alongside the iron post.

Reestablishment of the Survey Executed by F.E. Baxter in 1894,
the Retracement by H.W. Miller in 1910, and the
Resurvey by G.B. Hatch in 1963 to 1966

From the corner of sections 13, 14, 23, and 24.

N. 89° 07.7' W., between sections 14 and 23.

19.396 The meander corner on the left bank of the Colorado River for sections 14, and 23, monumented with an iron post, 2 1/2 ins. diam., firmly set and exposed 6 ins. above ground, in a collar of stone, with brass cap marked as described in the official record of the 1963 to 1966 resurvey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 20 S., R. 25 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Set a 6 ft. steel fence post alongside the iron post.

N. 89° 09.1' W., beginning new measurement.

0.266

Point for the E 1/16 section corner of sections 14 and 23, at midpoint between the section and 1/4 corners.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T20S R25E
E 1/16 S14
 S23
 1997

Set a 6 ft. steel fence post alongside the iron post.

19.928

Point for the 1/4 section corner of sections 14 and 23, at proportionate distance, by the Grant Boundary Method, falls in Colorado River; not monumented.

S. 83° 05.9' W., beginning new measurement.

4.137

The point for the meander corner on the left bank of the Colorado River for Sections 14 and 23, at proportionate distance, by the Grant Boundary Method, falls in erosion area. There is no remaining evidence of the original monument; not remonumented.

S. 89° 56.9' W., beginning new measurement.

30.675

The point for the meander corner on the left bank of the Colorado River for sections 14 and 23, at proportionate distance, by the Grant Boundary Method, falls in erosion area. There is no remaining evidence of the original monument; not remonumented.

35.680

Point for the closing corner for sections 22 and 23, at proportionate distance by the Grant Boundary Method, falls in the Colorado river; not monumented.

37.096

The true point for the corner of sections 14 and 15 only, at proportionate distance, by the Grant Boundary Method, falls in the Colorado River; not monumented.

S. 89° 56.9' W., between sections 15 and 22.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 20 S., R. 25 E., SALT LAKE MERIDIAN, UTAH

CHAINS**3.918**

The meander corner on the right bank of the Colorado River for sections 15 and 22, and the witness corner for sections 14 and 15 only, monumented with an iron post, 2 1/2 ins. diam., in a mound of stone, 4 ft. base to top of brass cap, marked as described in the official record of the 1963 to 1966 resurvey.

Reestablishment of the Survey Executed by H.W. Miller in 1910
and the Resurvey by G.B. Hatch in 1963 to 1966

From the witness corner of sections 23 and 26, monumented with an iron post, 1 inch in diam., firmly set in a mound of stone, with a 3 ft. base, to top of brass cap marked as described in the official record of the 1910 survey. No other improvements were made to this corner.

N. 89° 57.0' W., between sections 23 and 26.

4.305

The true point for the 1/4 section corner of sections 23 and 26, at proportionate distance, falls in ledges and cannot be established; not monumented.

44.301

The corner of sections 22, 23, 26, and 27, monumented with an iron post, 2 ins. in diam., firmly set and exposed 18 ins. above ground, with brass cap marked as described in the official record of the 1910 survey. No other improvements were made to this corner.

N. 0° 01.3' W., between sections 22 and 23.

40.041

The true point for the 1/4 section corner of sections 22 and 23, falls in wash that drains NW; not monumented.

40.761

The witness 1/4 section corner of sections 22 and 23, monumented with an iron post, 1 inch in diam., firmly set and exposed 18 ins. above ground, with brass cap marked as described in the official record of the 1910 survey. No other improvements were made to this corner.

Corner is located under a juniper.

N. 0° 03.4' W., beginning new measurement.

27.359

The meander corner on the left bank of the Colorado River, for sections 22 and 23, monumented with an iron post, 1 inch in diam., firmly set in a mound of stone, to top of brass cap marked as described in the official record of the 1910 survey. No other improvements were made to this corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 20 S., R. 25 E., SALT LAKE MERIDIAN, UTAH

CHAINS

N. 2°37.5' E., beginning new measurement across the Colorado River.

12.746

Point for the closing corner for sections 22 and 23, hereinbefore described.

The Subdivision of Section 23,
T. 20 S., R. 25 E., Salt Lake Meridian, Utah

From the true point for the 1/4 section corner of sections 23 and 26.

N. 0° 14.4' E., on the N-S center line of section 23.

40.358

Point for the center 1/4 section corner of section 23, at intersection with the E-W center line, not monumented.

60.888

True point for the center N 1/16 section corner of section 23, falls on E edge of large sandstone boulder and cannot be monumented.

60.938

Point selected for the witness corner to the center N 1/16 section corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

WC
C
N 1/16 ↓ S23
C
1997

Set a 6 ft. steel fence post alongside the aluminum post, located on N side of large sandstone boulder.

81.418

The point for the 1/4 section corner of sections 14 and 23.

From the 1/4 section corner of sections 23 and 24.

S. 89° 36.0' W., on the E-W center line of section 23.

19.823

Point for the center E 1/16 section corner of section 23; not monumented.

39.646

Point for the center 1/4 section corner of section 23.

79.823

The true point for the 1/4 section corner of sections 22 and 23.

THE SUBDIVISION OF SECTION 23,
T. 20 S., R. 25 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the point for the center E 1/16 section corner of section 23.

N. 0° 01.0' E., on the N-S center line of the NE 1/4 of section 23.

20.313 Point for the NE 1/16 section corner of section 23, at intersection with the E-W center line of the NE 1/4.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

NE 1/16
S23
1997

Set a 6 ft. steel fence post alongside the aluminum post, with a B.L.M. cadastral survey sign attached.

40.629 The E 1/16 section corner of sections 14 and 23.

From the point for the N 1/16 section corner of sections 23 and 24.

N. 89° 46.4' W., on the E-W center line of the NE 1/4 of section 23.

19.741 The NE 1/16 section corner of section 23.

39.483 True point for the center N 1/16 section corner of section 23.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
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CERTIFICATE OF SURVEY

We, *Ronald K. Baugh and M. Ross Workman, Supervisory Cadastral Surveyors*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *18th day of August, 1997*, we have *dependently resurveyed a portion of the subdivision lines and the subdivisional of section 23, in Township 20 South, Range 25 East*,

of the *Salt Lake* Meridian, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by us and under our directions; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

March 17, 1998

Date

Ronald K. Baugh

(Cadastral Surveyor)

March 17, 1998

Date

M. Ross Workman

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines and the subdivision of section 23, Township 20 South, Range 25 East, Salt Lake Meridian, Utah*,

executed by *Ronald K. Baugh and M. Ross Workman, Supervisory Cadastral Surveyors*

having been critically examined and found correct, are hereby approved.

March 18, 1998

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)